

**ATTACHMENT “A”-PERMIT APPLICATION
SUMMARY FORM**

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Frough Sherwani

GENERAL INFORMATION:

Name:	Mountaineer Furniture Manufacturing
Address:	149 Hwy 7 North, Isom, Kentucky 41824
Date application received:	FEB. 09, 2001
SIC/Source description:	2511 / Household Furniture and Wood Office Furniture
AFS #	021-133-00101
Application log number:	53546
Permit number:	F-01-006

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures

[] Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM	7.23	9.0
VOC	90.0	976
Toluene	9.0	83
Xylene	9.0	172
Ethyl Benzene	9.0	5.1
Methanol	9.0	10.0
Napthalene	9.0	8.5
Glycol Ether	9.0	25
MEK	9.0	36
HAPS	22.5	340

*Source has accepted allowable VOC 90 tons/Yr.

**Source has accepted allowable HAPS 9 tons/yr. individual and 22.5 tons/yr. combination

SOURCE PROCESS DESCRIPTION:

Mountaineer Furniture Manufacturing will manufacture various size wood furniture pieces. The plant has four spray booths for different operations. Lacquer thinner (LT-0117) is used as thinner and cleaning. The plant has a boiler to space heat the manufacturing facility. Waste wood from the plant is used as a fuel

COMMENTS:

There is no control for the VOC in the plant. All four booths have exhaust filters to control particulate emission. Woodworking area has a baghouse to control particulate emission.

State regulation 401 KAR 59:010, New process operations, applies to this source because these are process operations that were commenced after July 2, 1975.

EMISSION AND OPERATING CAPS DESCRIPTION:

The actual emissions of HAPs for a single pollutant shall not exceed 9.0 tons per year. The combined emissions for HAPs shall not exceed 22.5 tons per year. The actual VOC emissions shall not exceed 90.0 tons per year. These annual limitations shall not be exceeded during any consecutive twelve month period for the entire source.

CREDIBLE EVIDENCE:

This permit contains provisions which require that specific test methods, monitoring or recordkeeping be used as a demonstration of compliance with permit limits. On February 24, 1997, the U.S. EPA promulgated revisions to the following federal regulations: 40 CFR Part 51, Sec. 51.212; 40 CFR Part 52, Sec. 52.12; 40 CFR Part 52, Sec. 52.30; 40 CFR Part 60, Sec. 60.11 and 40 CFR Part 61, Sec. 61.12, that allow the use of credible evidence to establish compliance with applicable requirements. At the issuance of this permit, Kentucky has not incorporated these provisions in its air quality regulations.